

**NATIONAL TRANSPORTATION SAFETY BOARD
PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT**

This form to be used for reporting civil and public use aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location Nearest City/Place: <u>Henderson Executive Airport</u> State: <u>NV</u> ZIP: <u>89052</u> Country: <u>USA</u> Latitude: <u>3558223000</u> (dd:mm:ss N/S) Longitude: <u>11508040000</u> (ddd:mm:ss E/W)	Date/Time Date: <u>07/28/2012</u> Local Time: <u>0836</u> <i>mm/dd/yyyy</i> Time Zone: <u>PDT</u>
Phase of Operation <input type="checkbox"/> Standing <input type="checkbox"/> Takeoff (incl. initial climb) <input type="checkbox"/> Cruise <input type="checkbox"/> Hover <input type="checkbox"/> Taxi <input type="checkbox"/> Climb <input type="checkbox"/> Maneuvering <input type="checkbox"/> Other <input type="checkbox"/> Descent <input type="checkbox"/> Landing <input type="checkbox"/> Approach <input checked="" type="checkbox"/> Unknown	Collision with Other Aircraft <input type="checkbox"/> Midair <input type="checkbox"/> On-ground <input checked="" type="checkbox"/> None
Altitude of In-Flight Occurrence _____ ft MSL	

AIRCRAFT INFORMATION

Manufacturer: <u>PIAGGIO</u> Model: <u>P180 AVANTI</u> Serial Number: <u>1091</u> Registration Number: <u>N146SL</u> Amateur-built: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Max Gross Weight: <u>12,150</u> lbs Weight at Time of Accident/Incident: <u>9,551</u> lbs Location of Center of Gravity at Time of Accident/Incident: <u>204.62</u> inches from <input type="checkbox"/> nose or <input type="checkbox"/> datum -or- _____ Percent Mean Aerodynamic Cord (% MAC)
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Category of Aircraft <input checked="" type="checkbox"/> Airplane <input type="checkbox"/> Balloon <input type="checkbox"/> Blimp/Dirigible <input type="checkbox"/> Glider <input type="checkbox"/> Gyrocraft <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered lift <input type="checkbox"/> Ultralight <input type="checkbox"/> Unknown	Type of Airworthiness Certificate <i>(Check all that apply)</i> Standard <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Utility <input type="checkbox"/> Acrobatic <input type="checkbox"/> Transport Special <input type="checkbox"/> Restricted <input type="checkbox"/> Limited <input type="checkbox"/> Provisional <input type="checkbox"/> Experimental <input type="checkbox"/> Special Flight <input type="checkbox"/> Light Sport	Number of Seats: <u>10</u> If Large Aircraft, how many seats for: Flight Crew: _____ Cabin Crew: _____ Passengers: _____	Landing Gear <input checked="" type="checkbox"/> Retractable Check any additional landing gear configuration that applies: <input checked="" type="checkbox"/> Tricycle <input type="checkbox"/> Tailwheel <input type="checkbox"/> Amphibian <input type="checkbox"/> High Skid <input type="checkbox"/> Emergency Float <input type="checkbox"/> Skid <input type="checkbox"/> Float <input type="checkbox"/> Ski <input type="checkbox"/> Hull <input type="checkbox"/> Ski/Wheel <input type="checkbox"/> Unknown
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Type of Maintenance Program <input type="checkbox"/> Annual <input type="checkbox"/> Conditional (Amateur-built only) <input checked="" type="checkbox"/> Manufacturer's Inspection Program <input type="checkbox"/> Other Approved Inspection Program (AAIP) <input type="checkbox"/> Continuous Airworthiness <input type="checkbox"/> Other, specify: _____	Last Inspection Type <input type="checkbox"/> 100 Hour <input checked="" type="checkbox"/> Continuous Airworthiness <input type="checkbox"/> AAIP <input type="checkbox"/> Conditional Inspection <input type="checkbox"/> Annual <input type="checkbox"/> Unknown	Date Last Inspection: <u>07/02/2012</u> <i>mm/dd/yyyy</i> Airframe Total Time: <u>8,352</u> hrs hours measured at (check one) <input type="checkbox"/> Last Inspection <input checked="" type="checkbox"/> Time of Accident/Incident
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

IFR Equipped <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Stall Warning System Installed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Type of Fire Extinguishing System <input type="checkbox"/> None <input checked="" type="checkbox"/> Specify <u>HALON FIRE EXTINGUISHER</u>
-----------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------

ELT Installed ELT Activated <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ELT Manufacturer: <u>DORNE</u> Model/Series: <u>261D1380-005</u> Serial Number: <u>24008E</u> Battery Type: <u>BS2173</u> Battery Exp. Date: <u>08/31/2012</u>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Engine Type <input type="checkbox"/> Reciprocating <input type="checkbox"/> Turbo Jet <input type="checkbox"/> Turbo Shaft <input type="checkbox"/> Turbo Fan <input checked="" type="checkbox"/> Turbo Prop <input type="checkbox"/> Unknown	Reciprocating Fuel System Type <input type="checkbox"/> Carburetor <input checked="" type="checkbox"/> Fuel Injected	Propeller <input type="checkbox"/> Fixed Pitch <input checked="" type="checkbox"/> Controllable Pitch Manufacturer: <u>HARTZELL</u> Model: <u>HC-E5N-3A</u>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <i>mm/dd/yyyy</i>	Engine Rated Power Measured as (check one) <input checked="" type="checkbox"/> Horsepower or <input type="checkbox"/> lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng. 1	PRATT & WHITNEY	PT6A-66	PCE-RK-0034	04/12/2000	850	7,801	3,729	3,729
Eng. 2	PRATT & WHITNEY	PT6A-66	PCE-RK-0113	05/14/2004	850	8,385	317	317
Eng. 3								
Eng. 4								

OWNER/OPERATOR INFORMATION

Registered Aircraft Owner Name: <u>AVANTAIR, INC</u> Fractional Ownership Aircraft: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Owner Address City: <u>CLEARWATER</u> State: <u>FL</u> ZIP: <u>33762</u> Country: <u>USA</u>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

Operator of Aircraft <input checked="" type="checkbox"/> Same As Registered Owner Name: _____ Doing Business As: _____ Air Carrier/Operator Designator (4 Character Code): _____	Operator Address <input checked="" type="checkbox"/> Same As Registered Owner City: _____ State: _____ ZIP: _____ Country: _____
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------

Regulation Flight Conducted Under <input checked="" type="checkbox"/> FAR 91 <input type="checkbox"/> FAR 129 <input type="checkbox"/> FAR 91 Special Flight <input type="checkbox"/> Public Use (select type) <input type="checkbox"/> FAR 103 <input type="checkbox"/> FAR 133 <input type="checkbox"/> Non-US, Commercial <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Local <input type="checkbox"/> FAR 121 <input checked="" type="checkbox"/> FAR 135 <input type="checkbox"/> Non-US, Non-commercial <input type="checkbox"/> Unknown <input type="checkbox"/> FAR 125 <input type="checkbox"/> FAR 137 <input type="checkbox"/> Armed Forces	Revenue Sightseeing Flight <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Air Medical Flight <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Purpose of Flight for FAR 91, 103, 133, 137 (Select one) <input checked="" type="checkbox"/> Personal <input type="checkbox"/> Business <input type="checkbox"/> Executive/Corporate <input type="checkbox"/> Other Work Use <input type="checkbox"/> Instructional <input type="checkbox"/> Ferry <input type="checkbox"/> Positioning <input type="checkbox"/> Aerial Application <input type="checkbox"/> Aerial Observation <input type="checkbox"/> Air Drop <input type="checkbox"/> Air Race / Show <input type="checkbox"/> Flight Test <input type="checkbox"/> Public Use <input type="checkbox"/> Unknown	Revenue Operation for FAR 121, 125, 129, 135 (Select one) <input type="checkbox"/> Scheduled or Commuter <input type="checkbox"/> Non-Scheduled or Air Taxi Domestic or International <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> International Cargo Operation <input type="checkbox"/> Passenger/Cargo <input type="checkbox"/> Passenger _____ How many? <input type="checkbox"/> Cargo _____ lbs <input type="checkbox"/> Mail	Type of Commercial Operating Certificate Held (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Flag Carrier Operating Certificate (121) <input type="checkbox"/> Supplemental <input type="checkbox"/> Air Cargo <input type="checkbox"/> Foreign Air Carriers (129) <input type="checkbox"/> Commuter Air Carrier (135) <input type="checkbox"/> On-Demand Air Taxi (135) <input type="checkbox"/> Large Helicopter (127) <input type="checkbox"/> Rotorcraft External Load (133) - or - <input type="checkbox"/> Agricultural Aircraft (137) <input type="checkbox"/> Other Operator of Large Aircraft
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for other aircraft)

Aircraft Registration Number _____	Manufacturer: _____ Model: _____	Damage to Other Aircraft <input type="checkbox"/> Destroyed <input type="checkbox"/> Minor <input type="checkbox"/> Substantial <input type="checkbox"/> None
----------------------------------------------	---------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Registered Owner of Other Aircraft

First Name: _____ City: _____
 Middle Initial: _____ State: _____ ZIP: _____
 Last Name: _____ Country: _____

Pilot of Other Aircraft

First Name: _____ City: _____
 Middle Initial: _____ State: _____ ZIP: _____
 Last Name: _____ Country: _____

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)

Was there Mechanical Malfunction/Failure? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown (If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.) PIAGGIO LH ELEVATOR, PART #80-403001-903, SERIAL #1085 CONTROL SURFACE CAME OFF INFLIGHT	Total Time/Cycles On Part _____ 8,414 Hours _____ 7,351 Cycles Time Since This Part Inspected/Overhauled _____ Hours
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------

DAMAGE TO AIRCRAFT AND OTHER PROPERTY

Aircraft Damage <input type="checkbox"/> None <input type="checkbox"/> Substantial <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Destroyed	Aircraft Fire <input checked="" type="checkbox"/> None <input type="checkbox"/> Both Ground and In-Flight <input type="checkbox"/> In-Flight <input type="checkbox"/> Unknown Origin <input type="checkbox"/> On-Ground	Aircraft Explosion <input checked="" type="checkbox"/> None <input type="checkbox"/> Both Ground and In-Flight <input type="checkbox"/> In-Flight <input type="checkbox"/> Unknown Origin <input type="checkbox"/> On-Ground
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Description of Damage to Aircraft and Other Property (use additional sheet if necessary)

LH ELEVATOR HINGES AND HORN DAMAGED, AND TAIL BULLET HAS MINOR DAMAGE FROM THE ELEVATOR DEPARTING THE STABILIZER INFLIGHT

AIRPORT INFORMATION (If the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)

Airport Identifier: KHND Distance From Airport Center: 0 SM
 Airport Name: HENDERSON EXECUTIVE AIRPORT Direction From Airport: 0 degrees MAG
 Proximity to Airport Off Airport/Airstrip On Airport On Airstrip Airport Elevation: 2,492 ft. MSL

Approach Segment (Select one)
 On Instrument Approach Landing Base leg Final Go Around
 Crosswind Downwind Low Approach Aborted Landing (after touchdown)

IFR Approach (Check all that apply)		VFR Approach (Check all that apply)	
<input type="checkbox"/> None	<input type="checkbox"/> PAR	<input type="checkbox"/> None	<input type="checkbox"/> Stop and Go
<input type="checkbox"/> ADF/NDB	<input type="checkbox"/> Sidestep	<input type="checkbox"/> Traffic Pattern	<input type="checkbox"/> Touch and Go
<input type="checkbox"/> SDF	<input type="checkbox"/> ILS	<input type="checkbox"/> Straight-In	<input type="checkbox"/> Simulated Forced Landing
<input type="checkbox"/> VOR/TVOR	<input type="checkbox"/> Localizer Only	<input type="checkbox"/> Valley/Terrain Following	<input type="checkbox"/> Forced Landing
<input type="checkbox"/> VOR/DME	<input type="checkbox"/> LOC-back course	<input type="checkbox"/> Go Around	<input type="checkbox"/> Precautionary Landing
<input type="checkbox"/> TACAN	<input type="checkbox"/> RNAV	<input type="checkbox"/> Full Stop	<input checked="" type="checkbox"/> Unknown
<input type="checkbox"/> MLS	<input type="checkbox"/> Practice		
<input type="checkbox"/> LDA	<input type="checkbox"/> GPS		
<input type="checkbox"/> ASR	<input type="checkbox"/> Loran		
<input type="checkbox"/> Visual	<input checked="" type="checkbox"/> Unknown		
<input type="checkbox"/> Contact			
<input type="checkbox"/> Circling			

Runway Information	Condition of Runway/Landing Surface (Check all that apply)
Runway ID: _____ (L/R/C) Length: _____ ft Width: _____ ft	<input checked="" type="checkbox"/> Dry <input type="checkbox"/> Snow-Compacted <input type="checkbox"/> Water-Calm
Runway/Landing Surface (Check all that apply)	<input type="checkbox"/> Holes <input type="checkbox"/> Snow-Crusted <input type="checkbox"/> Water-Choppy
<input checked="" type="checkbox"/> Asphalt <input type="checkbox"/> Grass/Turf <input type="checkbox"/> Macadam <input type="checkbox"/> Water	<input type="checkbox"/> Ice Covered <input type="checkbox"/> Snow-Dry <input type="checkbox"/> Water-Glassy
<input type="checkbox"/> Concrete <input type="checkbox"/> Gravel <input type="checkbox"/> Metal/Wood <input type="checkbox"/> Unknown	<input type="checkbox"/> Rough <input type="checkbox"/> Snow-Wet <input type="checkbox"/> Wet
<input type="checkbox"/> Dirt <input type="checkbox"/> Ice <input type="checkbox"/> Snow	<input type="checkbox"/> Rubber Deposits <input type="checkbox"/> Soft <input type="checkbox"/> Unknown
	<input type="checkbox"/> Slush Covered <input type="checkbox"/> Vegetation

FLIGHT ITINERARY INFORMATION

Last Departure Point	Time of Departure	Destination	Type Flight Plan Filed
Airport ID: <u>KSAN</u>	Time: <u>0743</u>	Airport ID: <u>DHND</u>	<input type="checkbox"/> None <input type="checkbox"/> VFR/IFR
City: <u>SAN DIEGO</u>	Time Zone: <u>PDT</u>	City: <u>HENDERSON</u>	<input type="checkbox"/> Company VFR <input checked="" type="checkbox"/> IFR
State: <u>CA</u>		State: <u>NV</u>	<input type="checkbox"/> Military VFR <input type="checkbox"/> Unknown
Country: <u>USA</u>		Country: <u>USA</u>	<input type="checkbox"/> VFR
			Activated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Type of ATC Clearance/Service (Check all that apply)

<input type="checkbox"/> None	<input type="checkbox"/> Special VFR	<input type="checkbox"/> Special IFR	<input type="checkbox"/> VFR Flight Following	<input type="checkbox"/> Cruise
<input type="checkbox"/> VFR	<input checked="" type="checkbox"/> IFR	<input type="checkbox"/> VFR On Top	<input type="checkbox"/> Traffic Advisory	<input type="checkbox"/> Unknown / NA

Airspace where the accident/incident occurred (Check all that apply)

<input type="checkbox"/> Class A	<input type="checkbox"/> Class E	<input type="checkbox"/> Prohibited Area	<input type="checkbox"/> Jet Training Area	<input type="checkbox"/> Special
<input type="checkbox"/> Class B	<input type="checkbox"/> Class G	<input type="checkbox"/> Restricted Area	<input type="checkbox"/> TRSA	<input type="checkbox"/> Air Traffic Control Area
<input type="checkbox"/> Class C	<input type="checkbox"/> Demo Area	<input type="checkbox"/> Military Operations Area (MOA)	<input type="checkbox"/> FAR 93	<input type="checkbox"/> Unknown
<input checked="" type="checkbox"/> Class D	<input type="checkbox"/> Warning Area	<input type="checkbox"/> Airport Advisory Area		

Aircraft Load Description (Check all that apply)

<input type="checkbox"/> None	<input type="checkbox"/> Towing Glider	<input type="checkbox"/> Parachutists	<input type="checkbox"/> Livestock
<input checked="" type="checkbox"/> Passengers	<input type="checkbox"/> Towing Banner	<input type="checkbox"/> Water	<input type="checkbox"/> Unknown
<input type="checkbox"/> Cargo	<input type="checkbox"/> Other External	<input type="checkbox"/> Chemical/Fertilizer/Seeds	

FUEL & SERVICES INFORMATION

Fuel on Board at Last Takeoff (convert from pounds, as necessary)	Fuel Type
<u>170</u> Gallons	<input type="checkbox"/> 80/87 <input type="checkbox"/> 115/145 <input type="checkbox"/> JP3 <input type="checkbox"/> Other, specify _____
	<input type="checkbox"/> 100 Low Lead <input checked="" type="checkbox"/> Jet A <input type="checkbox"/> JP4
	<input type="checkbox"/> 100/130 <input type="checkbox"/> Automotive <input type="checkbox"/> JP5

Other Services, if Any, Prior to Departure

EVACUATION OF AIRCRAFT

Was an emergency evacuation of the aircraft performed? Yes No

Method of Exit – Describe how the occupants exited and how many occupants evacuated each location

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Weather Observation Facility Facility ID: <u>KHND</u> Observation Time: <u>0856</u> Time Zone: <u>PDT</u> Distance from Accident Site: _____ <u>0</u> NM Direction from Accident Site: _____ <u>0</u> degrees MAG	Source of Weather Information <i>(Check all that apply)</i> <input type="checkbox"/> National Weather Service <input type="checkbox"/> Company <input type="checkbox"/> Flight Service Station <input type="checkbox"/> Military <input type="checkbox"/> TV/Radio <input type="checkbox"/> Internet <input checked="" type="checkbox"/> Automated Report <input type="checkbox"/> Unknown <input type="checkbox"/> Commercial Weather Service (DUATS)	Method of Briefing <i>(Check all that apply)</i> <input type="checkbox"/> In Person <input type="checkbox"/> Teletype <input type="checkbox"/> Telephone/Computer <input checked="" type="checkbox"/> Aircraft Radio <input type="checkbox"/> TV/Radio <input type="checkbox"/> Unknown
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Briefing Type/Completeness <input type="checkbox"/> Full <input type="checkbox"/> Abbreviated <input type="checkbox"/> Partial / Limited By Pilot <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Partial / Limited By Briefer <input type="checkbox"/> Not Pertinent	Light Condition <input type="checkbox"/> Dawn <input type="checkbox"/> Dusk <input type="checkbox"/> Dark Night <input checked="" type="checkbox"/> Day <input type="checkbox"/> Night <input type="checkbox"/> Bright Night <input type="checkbox"/> Not Reported	Visibility _____ <u>10</u> miles
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------

Sky/Lowest Cloud Condition <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Thin Broken <input type="checkbox"/> Few <input type="checkbox"/> Thin Overcast <input type="checkbox"/> Partial Obscuration <input type="checkbox"/> Unknown <input type="checkbox"/> Scattered	Ceiling <input checked="" type="checkbox"/> None (clear) <input type="checkbox"/> Obscured <input type="checkbox"/> Broken <input type="checkbox"/> Indefinite <input type="checkbox"/> Overcast <input type="checkbox"/> Unknown	Restriction to Visibility <i>(Check all that apply)</i> <input checked="" type="checkbox"/> None <input type="checkbox"/> Fog <input type="checkbox"/> Blowing Dust <input type="checkbox"/> Ground Fog <input type="checkbox"/> Blowing Sand <input type="checkbox"/> Haze <input type="checkbox"/> Blowing Snow <input type="checkbox"/> Ice Fog <input type="checkbox"/> Blowing Spray <input type="checkbox"/> Smoke <input type="checkbox"/> Dust <input type="checkbox"/> Unknown
Lowest Cloud Condition Height _____ ft AGL	Ceiling Height _____ ft AGL	

Wind Direction <input checked="" type="checkbox"/> Indicated: _____ <u>220</u> degrees MAG <input type="checkbox"/> Variable	Wind Speed Velocity: _____ <u>6</u> KTS -or- <input type="checkbox"/> Calm <input type="checkbox"/> Light and Variable	Wind Gusts Velocity: _____ KTS <input type="checkbox"/> Gusting <input checked="" type="checkbox"/> Not Gusting	Type of Turbulence <i>(Check all that apply)</i> <input checked="" type="checkbox"/> None <input type="checkbox"/> In Clouds <input type="checkbox"/> Clear Air <input type="checkbox"/> Vicinity of Thunderstorm Severity of Turbulence <input type="checkbox"/> Extreme <input type="checkbox"/> Moderate <input type="checkbox"/> Light <input type="checkbox"/> Severe <input type="checkbox"/> Moderate Chop
--------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

NOTAMs (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident

Temperature: _____ (C) or _____ <u>88.9</u> (F) Altimeter Setting: _____ <u>30.00</u> in. HG or _____ MB Density Altitude: _____ ft Dew Point: _____ (C) or _____ <u>12.0</u> (F)	Icing Forecast Amount <input checked="" type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Trace <input type="checkbox"/> Severe <input type="checkbox"/> Light Type <input type="checkbox"/> Rime <input type="checkbox"/> Clear <input type="checkbox"/> Mixed Icing Actual Amount <input checked="" type="checkbox"/> None <input type="checkbox"/> Moderate <input type="checkbox"/> Trace <input type="checkbox"/> Severe <input type="checkbox"/> Light Type <input type="checkbox"/> Rime <input type="checkbox"/> Clear <input type="checkbox"/> Mixed	Type of Precipitation <i>(Check all that apply)</i> <input checked="" type="checkbox"/> None <input type="checkbox"/> Drizzle <input type="checkbox"/> Rain <input type="checkbox"/> Ice Pellets <input type="checkbox"/> Snow <input type="checkbox"/> Snow Pellets <input type="checkbox"/> Hail <input type="checkbox"/> Snow Grains <input type="checkbox"/> Rain Showers <input type="checkbox"/> Ice Crystals <input type="checkbox"/> Freezing Rain <input type="checkbox"/> Ice Pellets Shower <input type="checkbox"/> Snow Shower <input type="checkbox"/> Freezing Drizzle Intensity of Precipitation <input type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

ADDITIONAL FLIGHT CREW MEMBERS (Exclusive of cabin attendants, complete the following information)

Pilot Name and Address		Degree of Injury <input type="checkbox"/> None <input type="checkbox"/> Fatal <input type="checkbox"/> Minor <input type="checkbox"/> Unknown <input type="checkbox"/> Serious
First Name: _____	City: _____	
Middle Initial: _____	State: _____ ZIP: _____	
Last Name: _____		Country: _____

Pilot Certificate(s) (Check all that apply)		Seat Occupied <input type="checkbox"/> Left <input type="checkbox"/> Front <input type="checkbox"/> Right <input type="checkbox"/> Rear <input type="checkbox"/> Center <input type="checkbox"/> Single <input type="checkbox"/> Unknown
<input type="checkbox"/> None <input type="checkbox"/> Student <input type="checkbox"/> Recreational <input type="checkbox"/> Commercial <input type="checkbox"/> Flight Engineer <input type="checkbox"/> Foreign	<input type="checkbox"/> Private <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Sport <input type="checkbox"/> Airline Transport <input type="checkbox"/> U.S. Military	

Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Flight Time at the Time of this Accident/Incident: _____ hrs
-------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------

Pilot Name and Address		Degree of Injury <input type="checkbox"/> None <input type="checkbox"/> Fatal <input type="checkbox"/> Minor <input type="checkbox"/> Unknown <input type="checkbox"/> Serious
First Name: _____	City: _____	
Middle Initial: _____	State: _____ ZIP: _____	
Last Name: _____		Country: _____

Pilot Certificate(s) (Check all that apply)		Seat Occupied <input type="checkbox"/> Left <input type="checkbox"/> Front <input type="checkbox"/> Right <input type="checkbox"/> Rear <input type="checkbox"/> Center <input type="checkbox"/> Single <input type="checkbox"/> Unknown
<input type="checkbox"/> None <input type="checkbox"/> Student <input type="checkbox"/> Recreational <input type="checkbox"/> Commercial <input type="checkbox"/> Flight Engineer <input type="checkbox"/> Foreign	<input type="checkbox"/> Private <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Sport <input type="checkbox"/> Airline Transport <input type="checkbox"/> U.S. Military	

Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Flight Time at the Time of this Accident/Incident: _____ hrs
-------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------

Pilot Name and Address		Degree of Injury <input type="checkbox"/> None <input type="checkbox"/> Fatal <input type="checkbox"/> Minor <input type="checkbox"/> Unknown <input type="checkbox"/> Serious
First Name: _____	City: _____	
Middle Initial: _____	State: _____ ZIP: _____	
Last Name: _____		Country: _____

Pilot Certificate(s) (Check all that apply)		Seat Occupied <input type="checkbox"/> Left <input type="checkbox"/> Front <input type="checkbox"/> Right <input type="checkbox"/> Rear <input type="checkbox"/> Center <input type="checkbox"/> Single <input type="checkbox"/> Unknown
<input type="checkbox"/> None <input type="checkbox"/> Student <input type="checkbox"/> Recreational <input type="checkbox"/> Commercial <input type="checkbox"/> Flight Engineer <input type="checkbox"/> Foreign	<input type="checkbox"/> Private <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Sport <input type="checkbox"/> Airline Transport <input type="checkbox"/> U.S. Military	

Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Flight Time at the Time of this Accident/Incident: _____ hrs
-------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------

PASSENGER(S) / OTHER PERSONNEL (Include flight attendants; continue on separate sheet if necessary)

Name and Address	Seat	Crew	Non-Revenue	Revenue	Non-Occupant	FAA	Fatal	Serious Injury	Minor Injury	No Injury	Unknown
First Name: <u>RYAN</u> City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: <u>STONE</u> Country: _____	6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
First Name: <u>ZACH</u> City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: <u>JONES</u> Country: _____	7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE HISTORY OF FLIGHT (Please type or print in ink)

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State time and point of departure, intended destination, and services obtained.

146SL, ACTING AS FLIGHT #JHN224:

UPON COMPLETION OF REVENUE FLIGHT, THE LH ELEVATOR WAS FOUND TO BE MISSING. THIS PART, LOCATED ON THE LH SIDE OF THE HORIZONTAL STABILIZER, WAS FOUND TO BE MISSING UPON POST FLIGHT 'WALK AROUND' INSPECTION.

NO INDICATION TO THE FLIGHT CREW OF THE LOSS OF THE CONTROL SURFACE - AND FURTHER NO DEFICIENCIES DURING FLIGHT

RECOMMENDATION (How could this accident/incident have been prevented?)

Operator/Owner Safety Recommendation

AN IMMEDIATE FLEET CAMPAIGN WAS CONDUCTED TO INSPECT ALL COMPANY PIAGGIO AIRCRAFT TO ENSURE THIS INCIDENT TO BE A SOLE OCCURRENCE.

ADDITIONAL INFORMATION *(Please type or print in ink)*

Use this space if additional space is needed for any answers.

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**Date of this Report**07/31/2012*mm/dd/yyyy***Signature and Name of Pilot/Operator**

Signature: _____

Type or Print Name: _____

Signature and Name of Person Filing Report if Other than Pilot/Operator

Signature: _____

Type or Print Name: NATHANIEL EISENMANTitle: DIRECTOR OF SAFETY, AVANTAIR**FOR NTSB USE ONLY****NTSB Accident/Incident No.**WPR12FA332**Reviewed by NTSB Regional Office**WPR**Name of Investigator**McKenny**Date Report Received**7.31.2012